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Serial Number: *10/507,462*

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Inventor Information for 10/507462

Inventor Name	City	State/Country
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1	US 6955148 B2	20051018	Internal combustion engine controller and method for the operation of an internal combustion engine controller	123/179.17	123/497	Rosenzopf; Guenter et al.
1	US 6918367 B2	20050719	Method for starting an internal combustion engine, particularly an internal combustion engine having direct fuel injection	123/179.17	123/458; 123/491	Denz; Helmut et al.
1	US 6898511 B2	20050524	Method and device for monitoring a pressure sensor	701/114	123/396; 73/118.2	Denz; Helmut et al.
1	US 6799113 B2	20040928	Method and arrangement for controlling the drive unit of a vehicle	701/110	123/320; 123/325; 123/329	Denz; Helmut et al.
1	US 6758190 B2	20040706	Method and device for controlling an output variable of a drive unit in the starting phase	123/350	123/339.19; 123/406.24; 123/406.54; 123/436	Denz; Helmut et al.
1	US 6691653 B2	20040217	Electronic method and device for the control of gas exchange valves of an internal combustion engine having a	123/90.15	123/435; 73/118.1	Denz; Helmut

			variable opening function			
1	US 6571783 B1	20030603	Ignition control device and method	123/609	123/679	Denz; Helmut et al.
1	US 6431145 B1	20020813	Ignition control device and method	123/406.24	123/609	Denz; Helmut et al.
1	US 6412470 B1	20020702	Method and arrangement for controlling the drive unit of a vehicle	123/396	123/352; 123/399	Denz; Helmut
1	US 6338321 B1	20020115	Electronic device for controlling gas exchange valves of an internal combustion engine with variable opening functions	123/90.15	123/90.11; 73/116; 73/117.3; 73/118.2	Denz; Helmut
1	US 6295486 B1	20010925	Method and arrangement for detecting a measurement quantity in a vehicle	701/1	701/34; 701/70	Denz; Helmut
1	US 6170595 B1	20010109	Device for protecting a motor vehicle controller against illicit exchange	180/287	307/10.2; 439/346	Denz; Helmut et al.
1	US 6167755 B1	20010102	Device for determining load in an internal combustion engine	73/117.3	73/115	Damson; Eckhart et al.
1	US 6107695 A	20000822	Drive-away blocking device	307/10.5	180/287	Denz; Helmut et al.

1	US 6104974 A	20000815	System for varying the gear ratio for a multi-step transmission	701/51	477/110; 477/121; 477/156; 701/54; 701/55; 701/56	Zhang; Hong et al.
1	US 6065335 A	20000523	Method for detecting the fill level quantity of a tank system	73/291	73/299	Denz; Helmut et al.
1	US 6016789 A	20000125	Apparatus for control of an internal combustion engine, especially for control of fuel injection and ignition	123/406.62	123/643	Denz; Helmut et al.
1	US 5898103 A	19990427	Arrangement and method for checking the tightness of a vessel	73/49.2	123/518; 73/118.1; 73/40	Denz; Helmut et al.
1	US 5839409 A	19981124	Process for finding an additional quantity of fuel to be injected during reinjection in an internal combustion engine	123/326	123/481; 123/493	Denz; Helmut et al.
1	US 5816219 A	19981006	Process for controlling the warm-up in an internal combustion engine	123/406.53	123/491	Denz; Helmut et al.
1	US 5775106 A	19980707	Device for load detection in an internal combustion engine with	60/605.1	123/480	Denz; Helmut et al.

			turbo charger			
1	US 5765538 A	19980616	Pump device for a fuel vapor retention system of an internal combustion engine	123/516	123/519	Krimmer; Erwin et al.
1	US 5763771 A	19980609	Method and arrangement for detecting and documenting damage to a catalytic converter	73/118.1	60/277; 701/103; 73/117.3; 73/23.31	Ott; Karl et al.
1	US 5741958 A	19980421	Method for detecting and documenting exhaust-gas relevant malfunctions of a motor vehicle having an internal combustion engine with the aid of on-board means	73/23.32	73/117.3; 73/118.1	Denz; Helmut et al.
1	US 5722371 A	19980303	Process for controlling the warm-up in an internal combustion engine	123/406.42	123/406.47	Denz; Helmut et al.
1	US 5669357 A	19970923	Cylinder- selective injection system	123/481		Denz; Helmut et al.
1	US 5666925 A	19970916	Method and arrangement for diagnosing a tank-venting system	123/520	123/198D	Denz; Helmut et al.
1	US 5604305 A	19970218	Method for avoiding incorrect	73/118.1		Denz; Helmut et al.

			messages in the diagnosis of adjusting devices such as flow valves in motor vehicles			
1	US 5592922 A	19970114	Venting apparatus for a fuel system of an internal combustion engine	123/520	123/516	Denz; Helmut
1	US 5583383 A	19961210	Vehicle security system	307/10.2	307/10.4; 307/10.5; 701/35	Denz; Helmut et al.
1	US 5553577 A	19960910	Apparatus for checking the tightness of a tank venting system	123/198D	123/520	Denz; Helmut et al.
1	US 5540204 A	19960730	Method for reducing a torque output of an internal combustion engine	123/481		Schnaibel; Eberhard et al.
1	US 5537322 A	19960716	System and method for determining a gradient speed of a shaft driven by an internal combustion engine	701/110	324/169; 324/176; 324/178; 341/11; 341/6; 702/96; 73/116; 73/117.3	Denz; Helmut et al.
1	US 5511529 A	19960430	Tank-venting apparatus for a motor vehicle and method for operating the apparatus	123/520	123/516	Blumenstock; Andreas et al.
1	US 5505182 A	19960409	Method and arrangement for checking a tank-venting system	123/520	123/198D	Denz; Helmut et al.

1	US 5463998 A	19951107	Method and arrangement for checking the operability of a tank-venting system	123/520	123/198D	Denz; Helmut et al.
1	US 5460142 A	19951024	Method for venting a tank	123/520	123/198D	Denz; Helmut et al.
1	US 5460141 A	19951024	Method and apparatus for checking the tightness of a tank-venting system	123/520	123/198D	Denz; Helmut et al.
1	US 5460134 A	19951024	Transmitter arrangement for cylinder identification in an internal combustion engine having n cylinders	123/476	123/406.62; 123/479	Ott; Karl et al.
1	US 5452698 A	19950926	Device for suppressing discontinuous motion of a moving motor vehicle	123/406.24		Denz; Helmut et al.
1	US 5450833 A	19950919	Breather for an internal combustion engine fuel tank	123/520	123/516	Denz; Helmut et al.
1	US 5442551 A	19950815	Tank-venting system for a motor vehicle as well as a method and an arrangement for checking the operability thereof	701/29	123/198D; 123/520	Denz; Helmut et al.
1	US 5404750 A	19950411	Method for detecting leaky injection valves in an internal	73/119A	73/47	Denz; Helmut

			combustion engine			
1	US 5399961 A	19950321	Method and arrangement for monitoring the performance loss of an oxygen probe	324/71.1	123/688; 73/23.32	Wild; Ernst et al.
1	US 5398661 A	19950321	Method and arrangement for checking the operability of a tank-venting system	123/520	123/198D	Denz; Helmut et al.
1	US 5379638 A	19950110	Method and device for detecting the fluid level in a tank	73/291	73/299	Denz; Helmut et al.
1	US 5373830 A	19941220	Breather for an internal combustion engine fuel tank	123/520	123/198D; 123/519	Denz; Helmut et al.
1	US 5372117 A	19941213	Method and arrangement for venting a tank	123/698	123/520	Denz; Helmut et al.
1	US 5361743 A	19941108	Breather for an internal combustion engine fuel tank	123/519	123/520	Denz; Helmut et al.
1	US 5353771 A	19941011	Method and arrangement for diagnosing a tank-venting system of a motor vehicle	123/520	123/198D	Blumenstock; Andreas et al.
1	US 5339788 A	19940823	Method and arrangement for conducting a tank-venting diagnosis in a motor vehicle	123/520	123/198D	Blumenstock; Andreas et al.
1	US 5311138 A	19940510	Device for monitoring the function of an electric load, its	324/503	324/509; 324/522; 340/650	Ott; Karl et al.

			drive and the associated connections			
1	US 5298865 A	19940329	Connecting circuit for connecting a lambda probe to a control apparatus of an internal combustion engine and test method for said circuit	324/509	123/694; 324/522; 340/649; 60/274	Denz; Helmut et al.
1	US 5265577 A	19931130	Method and arrangement for checking the operability of a tank-venting system	123/520	123/198D	Denz; Helmut et al.
1	US 5255655 A	19931026	Fuel injection system for an internal combustion engine	123/479	123/492; 123/493	Denz; Helmut et al.
1	US 5255554 A	19931026	Connecting circuit for an oxygen probe and method for checking for a correct probe connection	73/23.32	123/690	Mallebrein; Georg et al.
1	US 5255515 A	19931026	Method and arrangement for obtaining an evaluation value for the performance loss of a catalytic converter	60/274	60/276; 60/277	Blumenstock; Andreas et al.
1	US 5245972 A	19930921	Sequential fuel injection method	123/478	123/501	Denz; Helmut et al.
1	US 5243853	19930914	Method and arrangement for	73/117.3	73/118.1	Steinbrenner; Ulrich et al.

	A		diagnosing the open-loop control of the tank-venting valve in combination with the open-loop control of an internal combustion engine			
1	US 5220896 A	19930622	Tank-venting arrangement and method for checking the tightness thereof	123/520	123/198D	Blumenstock; Andreas et al.
1	US 5205263 A	19930427	Tank-venting apparatus as well as a method and an arrangement for checking the same	123/520	123/518	Blumenstock; Andreas et al.
1	US 5197442 A	19930330	Tank-venting arrangement and method of operating the same	123/520	123/198D	Blumenstock; Andreas et al.
1	US 5195498 A	19930323	Tank-venting apparatus as well as a method and arrangement for checking the tightness thereof	123/698	123/520	Siebler; Johann et al.
1	US 5193512 A	19930316	Tank-venting system for a motor vehicle and method for checking the operability thereof	123/520	123/198D; 123/519	Steinbrenner; Ulrich et al.
1	US 5191781	19930309	Ratiometric signal	73/1.75		Denz; Helmut

	A		correction system for a vehicle electronic control system			
1	US 5186153 A	19930216	Tank-venting arrangement for a motor vehicle and method for checking the operability thereof	123/519	123/198D; 123/520	Steinbrenner; Ulrich et al.
1	US 5144927 A	19920908	Method for detecting misfires in an internal combustion engine	73/116		Denz; Helmut
1	US 5090387 A	19920225	Method and arrangement for checking the operational capability of an exhaust-gas probe heater and the supply system thereof	123/479	123/688; 123/697	Mayer; Rudi et al.
1	US 5074270 A	19911224	Method for protecting a catalyzer	123/479	123/198D; 60/274; 60/277	Denz; Helmut et al.
1	US 5069063 A	19911203	Device for measuring a pulsating variable in an internal combustion engine	73/118.2	73/117.3	Chrobaczek; Martin et al.
1	US 5056484 A	19911015	Regulating device for adjusting a regulating member	123/399	123/585	Denz; Helmut et al.
1	US 5054452 A	19911008	Method and apparatus for detecting a fault condition of a	123/479	123/688	Denz; Helmut

			lambda probe			
1	US 5022374 A	19910611	Method for sequentially injecting fuel	123/490	123/491	Denz; Helmut et al.
1	US 4995365 A	19910226	System for detecting engine ignition failures in an internal combustion engine	123/479	324/399; 701/110	Denz; Helmut et al.
1	US 4941446 A	19900717	Ignition and fuel injection back-up system for emergency running of internal combustion engines	123/406.18	123/479; 701/101	Denz; Helmut et al.
1	US 4924835 A	19900515	Method of and device for the electronic determination of the fuel amount for an internal combustion engine	123/478		Denz; Helmut
1	US 4856465 A	19890815	Multidependent valve timing overlap control for the cylinders of an internal combustion engine	123/90.17	123/90.15	Denz; Helmut et al.
1	US 4803966 A	19890214	Engine control system	123/406.47	123/486	Denz; Helmut
1	US 4794790 A	19890103	Diagnostic method and arrangement for quantitatively checking actuators in internal	73/117.3	73/118.1	Margarit- Metaxa; Florin et al.

			combustion engines			
1	US 4700673 A	19871020	Method of controlling the operating characteristic quantities of an internal combustion engine	123/325	123/198DB; 123/324; 123/333; 123/585	Denz; Helmut
1	US 4685435 A	19870811	Safety device for a supercharged internal combustion engine	123/406.47	123/198DB; 60/603	Denz; Helmut et al.
1	US 4623974 A	19861118	Method and apparatus for self-monitoring of microcomputer-controlled network devices in particular in motor vehicles	701/99	324/379; 73/117.3	Denz; Helmut et al.
1	US 4601199 A	19860722	Method and device for self-diagnosis of final setting members	73/118.1	701/114	Denz; Helmut
1	US 4550704 A	19851105	Multi-cylinder internal combustion engine having disconnectable groups of cylinders	123/481	123/198F	Barho; Hans et al.
1	US 4508082 A	19850402	Electronically controlled fuel metering system for an internal combustion engine	123/478	123/492	Becker; Wolfram et al.
1	US	19840814	Regulating	123/327	123/339.22;	Denz;

	4465043 A		device for an internal combustion engine		123/588	Helmut et al.
1	US 4440136 A	19840403	Electronically controlled fuel metering system for an internal combustion engine	123/491	123/480; 123/492	Denz; Helmut et al.
1	US 4389994 A	19830628	Internal combustion engine control system for use with turbo- charged engine, and method	123/406.55	123/480; 60/605.1	Denz; Helmut et al.